LPR 220-04-00.0 Issue Date February 19, 1997

Performance Requirement: Facility Projects

Title: Engineering Control for Project Execution

Mandatory Document

Standard Statement:

Project control methods are used during project execution and transition to operations.

Performance Criteria:

- 1. Work is inspected, tested, and documented to verify conformance to approved drawings and specifications.
- 2. Deficiencies are identified, evaluated, corrected, or accepted, and documented as appropriate.
- 3. Deviations from design requirements and field engineering changes are reviewed, approved, and documented.
- 4. Vendor submittals are reviewed to assure conformity with approved design drawings and specifications.
- 5. Engineering drawings and documents are updated during the project execution to reflect "as built" conditions as required.
- 6. Operational and system testing is performed and documented for transition to operations as required.
- 7. Completed projects are accepted and shifted to operations.
- 8. Documentation required for operations and maintenance is prepared and given to operations.
- 9. Final project close-out requirements is established and completed for transition from project execution to operations.
- 10. Lessons learned are documented.

Contractual Work Smart Standards:

20 NMAC 2.72, Construction Permits

20 NMAC 5.1-5.14, New Mexico Hazardous Waste Act and New Mexico Groundwater Protection Act

29 CFR 1910, Occupational Safety and Health Standards

29 CFR 1926, Safety and Health Regulations for Construction

40 CFR 280, Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tank (UST)

49 CFR 30-399, Department of Transportation, Motor Carrier Safety Regulations

Americans with Disabilities Act (ADA)

DOE M 440.1-1, Revision 8, 3/96, Explosives Safety Manual

DOE O 5700.6C, Quality Assurance

DOE OSS Range Design Criteria Guide

DOE-STD-1020-94, Natural Phenomena Hazard Design and Evaluation Criteria for DOE Facilities

INCZ (ASHRAE) 61.1989, Ventilation for Acceptable Indoor Air Quality

National Fire Protection Association (NFPA) Standards, including 101, Life Safety Code

Uniform Building Code (UBC)